**Form PTO-1449** (modified)

Office of Patents and Publications for Applicant's

**INFORMATION DISCLOSURE STATEMENT**

(Use several sheets if necessary)

Atty. Docket No.  
2039.015700/SAWSerial No.  
10/717,297Applicant  
Richard P. Schmidt/James A. Solis/Ta Yen ChingFiling Date:  
November 19, 2003Group:  
UnknownU.S. Patent Documents  
See Page 1Foreign Patent Documents  
See Page 2Other Art  
See Page 2**U.S. Patent Documents**

| Exam. Init. | Ref. Des. | Document Number | Date     | Name             | Class | Sub Class | Filing Date of App. |
|-------------|-----------|-----------------|----------|------------------|-------|-----------|---------------------|
| MAT         | A1        | 5,211,875       | 05/18/93 | Speer et al.     | 252   | 188.28    |                     |
|             | A2        | 5,346,644       | 09/13/94 | Speer et al.     | 252   | 188.28    |                     |
|             | A3        | 5,425,896       | 06/20/95 | Speer et al.     | 252   | 188.28    |                     |
|             | A4        | 5,498,364       | 03/12/96 | Speer et al.     | 252   | 188.28    |                     |
|             | A5        | 5,627,239       | 05/06/97 | Ching et al.     | 525   | 330.6     |                     |
|             | A6        | 5,641,825       | 06/24/97 | Bacsikai et al.  | 524   | 398       |                     |
|             | A7        | 5,656,692       | 08/12/97 | Hayes            | 525   | 63        |                     |
|             | A8        | 5,660,761       | 08/26/97 | Katsumoto et al. | 252   | 188.28    |                     |
|             | A9        | 5,700,554       | 12/23/97 | Speer et al.     | 428   | 220       |                     |
|             | A10       | 5,736,616       | 04/07/98 | Ching et al.     | 525   | 330.3     |                     |
|             | A11       | 5,776,361       | 07/07/98 | Katsumoto et al. | 252   | 188.28    |                     |
|             | A12       | 5,859,145       | 01/12/99 | Ching et al.     | 525   | 330.6     |                     |
|             | A13       | 6,057,013       | 05/02/00 | Ching et al.     | 428   | 35.7      |                     |
| ✓           | A14       | 5,811,027       | 09/22/98 | Speer et al.     | 252   | 188.28    |                     |
| MAT         | A15       | 3,536,687       | 10/27/70 | Nordstrom        | 260   | 89.5      |                     |
|             |           |                 |          |                  |       |           |                     |
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Examiner: *M. A. Thexton*Date Considered: *2005 MAY 23*

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|  |  |   |                          |
|--|--|---|--------------------------|
| <b>Form PTO-1449</b> (modified)  |  | Atty. Docket No.<br>2039.015700/SAW                         | Serial No.<br>10/717,297 |
| List of Patents and Publications for Applicant's<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) |  | Applicant<br>Richard P. Schmidt/James A. Solis/Ta Yen Ching |                          |
|  |  | Filing Date:<br>November 19, 2003                           | Group:<br>Unknown        |
| U.S. Patent Documents<br>See Page 1  | Foreign Patent Documents<br>See Page 2 | Other Art<br>See Page 2                                     |                          |

### Foreign Patent Documents

| Exam. Init. | Ref. Des. | Document Number | Date       | Country | Class | Sub Class | Translation Yes/No |
|-------------|-----------|-----------------|------------|---------|-------|-----------|--------------------|
| MAT         | B1        | WO99/48963      | 09/30/1999 | PCT     |       |           |                    |
| MAT         | B2        | WO98/51758      | 11/19/1998 | PCT     |       |           |                    |
| MAT         | B3        | WO99/38914      | 08/05/1999 | PCT     |       |           |                    |
| MAT         | B4        | WO97/32722      | 09/12/1997 | PCT     |       |           |                    |

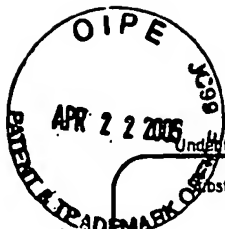
### Other Art (Including Author, Title, Date Pertinent Pages, Etc.)

| Exam. Init. | Ref. Des. | Citation   |
|-------------|-----------|--|
| MAT         | C1        | Ching et al., "Tasteless Oxygen Scavenging Polymers: A New Platform Technology for Food Packaging Based On Controlled Oxidation," <i>Oxygen Absorber ... 2001 and Beyond</i> , OSP Conference, pages 1-8 (Chicago, June 19-20, 2000) |
| MAT         | C2        | Ching et al., "Tasteless Oxygen Scavenging Polymers: A New Platform Technology for Food Packaging Based On Controlled Oxidation," <i>Oxygen Absorber ... 2001 and Beyond</i> , OSP Conference Slides (Chicago, June 19-20, 2000)     |

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Date Considered: *2015 MAY 20*

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1

of 5

**Complete if Known**

|                        |                    |
|------------------------|--------------------|
| Application Number     | 10/717,297         |
| Filing Date            | November 19, 2003  |
| First Named Inventor   | Richard P. Schmidt |
| Art Unit               |                    |
| Examiner Name          |                    |
| Attorney Docket Number | 210151US00         |

**U. S. PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|-----------------------------------|--|---|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                   |  |   |
| MAT                   | AA                       | US- 3,454,510 A                          | 07/08/1969                        | Newland  |   |
| MAT                   | AB                       | US- 3,497,571 A                          | 02/24/1970                        | Tellier et al.                                     |   |
|                       | AC                       | US- 3,536,687 A                          | 10/27/1970                        | Nordstrom  |   |
| MAT                   | AD                       | US- 4,134,927 A                          | 01/16/1979                        | Tomoshige  |   |
| MAT                   | AE                       | US- 4,396,730 A                          | 08/02/1983                        | Imahashi   |   |
| MAT                   | AF                       | US- 4,415,710 A                          | 11/15/1983                        | Barnabeo et al.                                    |   |
| MAT                   | AG                       | US- 4,524,201 A                          | 06/18/1985                        | Barnabeo et. al.                                   |   |
| MAT                   | AH                       | US- 4,775,593 A                          | 10/04/1988                        | Heberger   |   |
| MAT                   | AI                       | US- 5,116,916 A                          | 05/26/1992                        | Young  |   |
|                       | AJ                       | US- 5,211,875 A                          | 05/18/1993                        | Speer et al.                                       |   |
| MAT                   | AK                       | US- 5,306,760 A                          | 04/26/1994                        | Sullivan   |   |
|                       | AL                       | US- 5,346,644 A                          | 09/13/1994                        | Speer et al.                                       |   |
|                       | AM                       | US- 5,425,898 A                          | 06/20/1995                        | Speer et al.                                       |   |
| MAT                   | AN                       | US- 5,466,756 A                          | 11/14/1995                        | Roach et al.                                       |   |
|                       | AO                       | US- 5,498,364 A                          | 03/12/1996                        | Speer et al.                                       |   |
|                       | AP                       | US- 5,627,239 A                          | 05/06/1997                        | Ching et al.                                       |   |
|                       | AQ                       | US- 5,641,825 A                          | 06/24/1997                        | Bacskai et al.                                     |   |
|                       | AR                       | US- 5,656,692 A                          | 08/12/1997                        | Hayes  |   |
|                       | AS                       | US- 5,660,761 A                          | 08/26/1997                        | Katsumoto et al.                                   |   |

**FOREIGN PATENT DOCUMENTS**

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
|                       |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
| MAT                   | BA                       | JP 56136347   | 10/24/1981                        | Mitsui   | Abstract  |                |
| MAT                   | BB                       | JP 62177067   | 08/03/1987                        | Shigeo   |   |                |
| MAT                   | BC                       | EP 0 059 883  | 09/15/1982                        | Kang et al.  |   |                |
| MAT                   | BD                       | EP 0 507 207  | 10/07/1992                        | Roberts et al.                                     |   |                |
| MAT                   | BE                       | EP 0 520 257  | 12/30/1992                        | Speer et al.                                       |   |                |
| MAT                   | BF                       | GB 1 232 194  | 05/19/1971                        | Kansai Paint Company                               |   |                |

|                       |               |                    |             |
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| Examiner<br>Signature | M. A. Thexton | Date<br>Considered | 2005 MAY 23 |
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|   |      | Application Number       | 10/717,297         |
|   |      | Filing Date              | November 19, 2003  |
|   |      | First Named Inventor     | Richard P. Schmidt |
|   |      | Art Unit                 |                    |
|   |      | Examiner Name            |                    |
| Sheet 2   | of 5 | Attorney Docket Number   | 210151US00         |

| NON PATENT LITERATURE DOCUMENTS |                       |   |                |
|---------------------------------|-----------------------|---|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|                                 | CA                    | CHING et al., "Tasteless Oxygen Scavenging Polymer: A New Platform Technology for Food Packaging Based On Controlled Oxidation," Oxygen Absorber . . . 2001 and Beyond, OSP Conference, pages 1-8 (Chicago, June 19-20, 2000)                                   |                |
|                                 | GB                    | CHING et al., "Tasteless Oxygen Scavenging Polymer: A New Platform Technology for Food Packaging Based On Controlled Oxidation," Oxygen Absorber . . . 2001 and Beyond, OSP Conference, Slides (Chicago, June 19-20, 2000)                                      |                |
| MST                             | CC                    | International Search Report, PCT/US01/02034, 06/05/2001, 4 pages  |                |
| MAT                             | CD                    | Written Opinion, PCT/US01/02034, 12/10/2001, 5 pages  |                |
| MST                             | CE                    | International Preliminary Examination Report, PCT/US01/02034, 04/22/2002, 5 pages   |                |
| MAT                             | CF                    | International Search Report, PCT/US01/28412, 03/18/2002, 5 pages  |                |
| MAT                             | CG                    | Written Opinion, PCT/US01/28412, 05/27/2002, 2 pages  |                |
| MAT                             | CH                    | Response to Written Opinion, PCT/US01/28412, 07/18/2002, 12 pages   |                |
| MAT                             | CI                    | International Preliminary Examination Report, PCT/US01/28412, 11/27/2002, 15 Pages  |                |
| MAT                             | CJ                    | International Search Report, PCT/US 01/31968, 01/31/2002, 6 pages   |                |

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|--------------------|----------------------|-----------------|-------------|
| Examiner Signature | <i>M. S. Thexton</i> | Date Considered | 2005 MAY 20 |
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|   |                        | Filing Date              | November 19, 2003  |
|   |                        | First Named Inventor     | Richard P. Schmidt |
|   |                        | Art Unit                 |                    |
|   |                        | Examiner Name            |                    |
| Sheet 3 of 5  | Attorney Docket Number | 210151US00               |                    |

| U. S. PATENT DOCUMENTS |                       |  |                                |  |   |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials*     | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                        |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                        | AT                    | US- 5,700,554 A                          | 12/23/1997                     | Speer et al.                                       |   |
|                        | AU                    | US- 5,736,616 A                          | 04/07/1998                     | Ching et al.                                       |   |
|                        | AV                    | US- 5,776,361 A                          | 07/07/1998                     | Katsumoto et al.                                   |   |
|                        | AW                    | US- 5,811,027 A                          | 09/22/1998                     | Speer et al.                                       |   |
| MAT                    | AX                    | US- 5,837,158 A                          | 11/17/1998                     | Shepodd et al.                                     |   |
|                        | AY                    | US- 5,859,145 A                          | 01/12/1999                     | Ching et al.                                       |   |
| MAT                    | AZ                    | US- 5,955,524 A                          | 09/21/1999                     | Azuma et al.                                       |   |
| MAT                    | DA                    | US- RE36,234 E                           | 06/22/1999                     | Koskan et al.                                      |   |
|                        | DB                    | US- 6,057,013 A                          | 05/02/2000                     | Ching et al.                                       |   |
| MAT                    | DC                    | US- 6,063,307 A                          | 05/16/2000                     | Shepold et al.                                     |   |
|                        | DE                    | US- 6,313,193 B1                         | 11/06/2001                     | Simendinger  |   |
|                        | DF                    | US- 6,437,086 B1                         | 08/20/2002                     | Ching et al.                                       |   |
|                        | DG                    | US- 6,664,320 B1                         | 12/16/2003                     | Cai et al.   |   |
|                        | DH                    | US- 5,399,289 A                          | 03/21/1995                     | Speer et al.                                       |   |
|                        | DI                    | US- 5,981,676 A                          | 11/09/1999                     | Gauthier et al.                                    |   |
|                        | DJ                    | US- 6,083,585 A                          | 07/04/2000                     | Cahill et al.                                      |   |
|                        | DK                    | US- 20020081358 A1                       | 06/27/2002                     | Galland et al.                                     |   |
| MAT                    | DL                    | US- 20030153644 A1                       | 08/14/2003                     | Yang et al.  |   |
|                        | DM                    | US-                                      |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |                |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |   |   |                |
| MAT                      | BG                    | WO 96/40799   | 12/19/1996                     | Ching et al.                                    |   |                |
|                          | BH                    | WO 97/32722   | 09/12/1997                     | Ching et al.                                    |   |                |
| MAT                      | BI                    | WO 97/32925   | 09/12/1997                     | Bansleben et al.                                |   |                |
| MAT                      | BJ                    | WO 98/06779   | 02/19/1998                     | Katsumoto et al.                                |   |                |
|                          | BK                    | WO 98/51758   | 11/19/1998                     | Katsumoto et al.                                |   |                |
|                          | BL                    | WO 99/38914   | 08/05/1999                     | Schmidt et al.                                  |   |                |

|                    |                      |                 |             |
|--------------------|----------------------|-----------------|-------------|
| Examiner Signature | <i>M. d. Thexton</i> | Date Considered | 2005 MAY 20 |
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|  |      | Application Number       | 10/717,297         |
|  |      | Filing Date              | November 19, 2003  |
|  |      | First Named Inventor     | Richard P. Schmidt |
|  |      | Art Unit                 |                    |
|  |      | Examiner Name            |                    |
| Sheet 4  | of 5 | Attorney Docket Number   | 210151US00         |

| NON PATENT LITERATURE DOCUMENTS |                       |  |                |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
| MAT                             | CK                    | First Written Opinion, PCT/US 01/31968, 06/24/2002, 2 pages  |                |
| MAT                             | CL                    | Second Written Opinion, PCT/US 01/31968, 06/25/2002, 7 pages   |                |
| MAT                             | CM                    | Response to Written Opinions, PCT/US 01/31968, 09/03/2002, 2 pages   |                |
| MAT                             | CN                    | Third Written Opinion, PCT/US 01/31968, 10/02/2002, 6 pages  |                |
| MAT                             | CO                    | International Preliminary Examination Report, PCT/US 01/31968, 02/28/2003, 6 pages   |                |
| MAT                             | CP                    | International Search Report, PCT/US2004/032910, 02/08/2005, 3 pages  |                |
| MAT                             | CQ                    | Written Opinion, PCT/US2004/032910, 02/08/2005, 5 pages  |                |
|                                 | CR                    |  |                |
|                                 | CS                    |  |                |
|                                 | CT                    |  |                |

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| Examiner Signature | M. S. Thexton | Date Considered | 2005 MAY 20 |
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|   |                        | Filing Date              | November 19, 2003  |
|   |                        | First Named Inventor     | Richard P. Schmidt |
|   |                        | Art Unit                 |                    |
|   |                        | Examiner Name            |                    |
| Sheet 5 of 5  | Attorney Docket Number | 210151US00               |                    |

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| FOREIGN PATENT DOCUMENTS |                       |   |                                |  |   |                |
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| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                          | BM                    | WO 99/48963   | 09/30/1999                     | Ching et al.                                       |   |                |
| MAT                      | BN                    | WO 00/11972   | 03/09/2000                     | Jerdee et al.                                      |   |                |
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|                          | BQ                    |   |                                |  |   |                |
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| Examiner Signature | <i>M. A. Thexton</i> | Date Considered | 2005 MAY 20 |
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